

# 6400 ARAPAHOE ROAD

## SITE PLAN REVIEW SUBMITTAL

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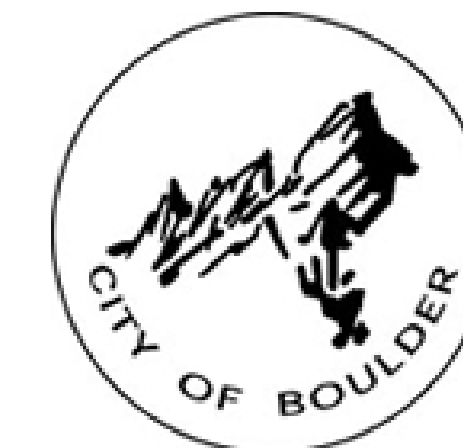
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#### LANDSCAPE DRAWINGS

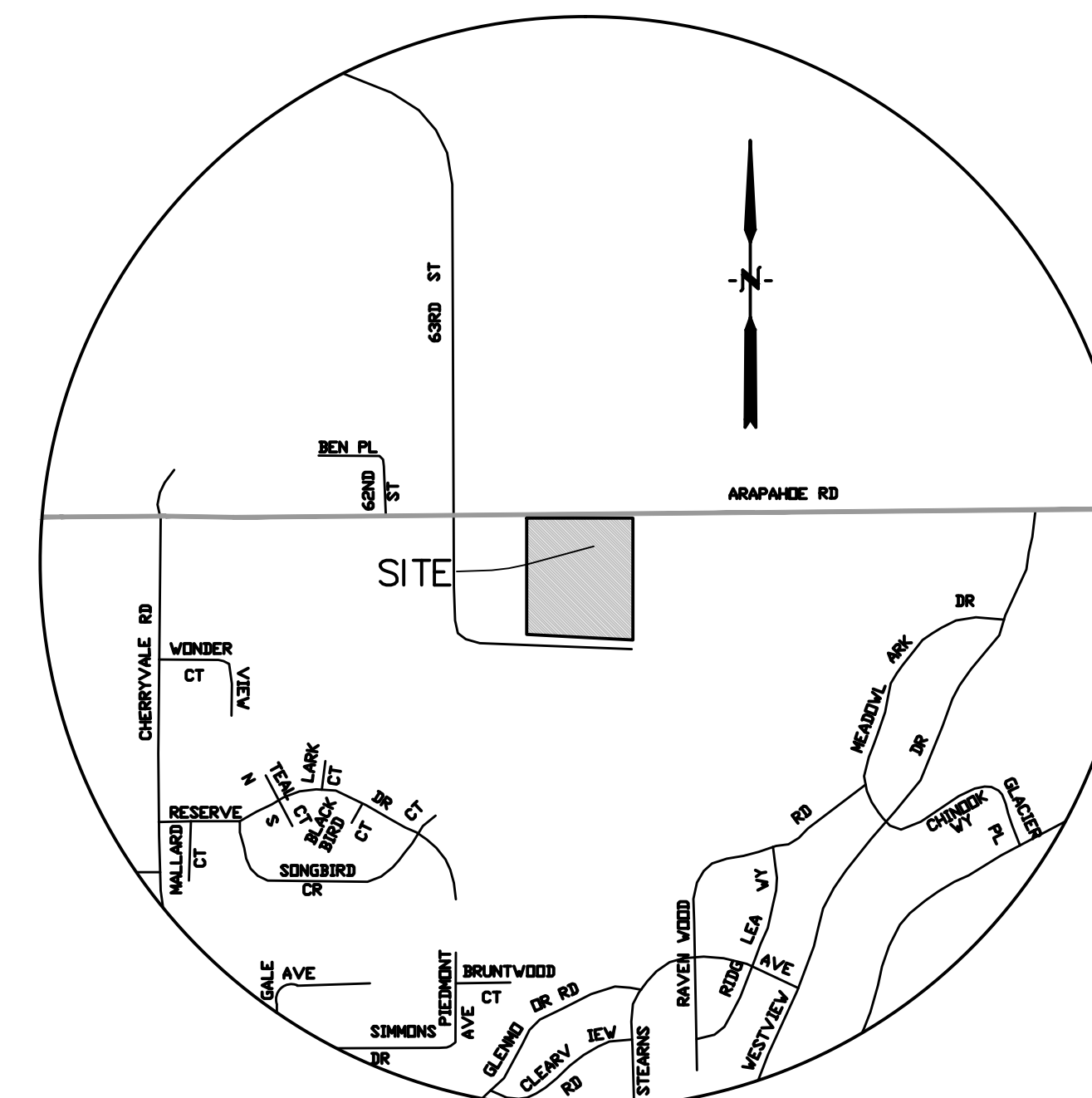
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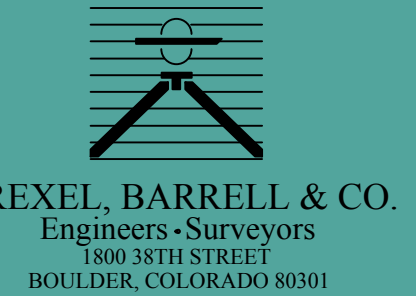
City of Boulder  
March 18, 2011



VICINITY MAP  
N.T.S.

## PHASE I AND PHASE II

### Eco-Cycle, CHaRM, and ReSource



6400 Arapahoe Road  
Boulder, Colorado  
**SITE REVIEW**

City of Boulder  
Eco-Cycle  
CHaRM  
ReSource

MARCH 18, 2011

SITE REVIEW  
COVER SHEET

SHEET NUMBER:  
**COVER**



**SHEET NUMBER:**  
**L 1.0**



PLANT SCHEDULE

DECIDUOUS TREES										
AG	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	PHASE I QUANTITY	PHASE II QUANTITY
AGA	AESCLULUS GLABRA	OHIO BUCKEYE	30'-50'	25'	LOW	SUN	YELLOW	SPRING	2	2
CS	AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE	SERVICEBERRY, AUTUMN BRILLIANCE	15-25'	15-20'	LOW	SUN	WHITE	SPRING		1
CO	CATALPA SPECIOSA	CATALPA WESTERN	40-60'	30-50'	LOW	FULL SUN	WHITE	LATE SPRING-EARLY SUMMER	5	5
GTI	CELTIS OCCIDENTALIS	HACKBERRY, WESTERN	50-60'	40-50'	LOW	SUN	N/A	N/A	6	7
GD	GLEDITSIA TRACANTHOS INERMIS SHADEMASTER	HONEYLOCUST, SHADEMASTER	40-50'	30-40'	LOW	SUN	N/A	N/A	3	12
MSS	CYMONOCCLUS DIOICUS 'ESPRESSO'	SEEDLESS KENTUCKY COFFEE TREE	50-60'	40-50'	LOW	SUN	YELLOW-GREEN	SPRING	2	8
PVS	MALUS SPRING SNOW	CRABAPPLE, SPRING SNOW	20-25'	20-25'	MEDIUM	SUN	WHITE	SPRING	3	3
PCC	PRUNUS VIRGINIANA SHUBERT	CHOKECHERRY, SHUBERT OR CANADA RED	20-30'	15-25'	MEDIUM	SUN	WHITE	SPRING		4
QB	PYRUS CALLERYANA CHANTICLEER	PEAR, CHANTICLEER	20-30'	15-20'	MEDIUM	SUN	WHITE	SPRING		4
QM	QUERCUS BICOLOR	OAK, SWAMP WHITE	40-60'	40-60'	LOW	SUN TO FS	N/A	N/A	5	5
	QUERCUS MACROCARPA	OAK, BUR	50-80'	50-80'	LOW	SUN	N/A	N/A	3	10
									29	61
EVERGREEN TREES										
PP	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY	
PN	PICEA PUNGENS	SPRUCE, COLORADO	40-60'	20-30'	MEDIUM	SUN TO FS	N/A	N/A	2	2
PSF	PINUS NIGRA	PINE, AUSTRIAN	40-60'	30-40'	LOW	SUN	N/A	N/A	2	4
	PINUS SYLVESTRIS FASTIGIATA	PINE, UPRIGHT SCOTS	30-50'	10-15'	LOW	SUN TO FS	N/A	N/A	3	3
									7	9
DECIDUOUS SHRUBS										
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY	
	AMELANCHIER ALNIFOLIA 'REGENT'	REGENT SERVICEBERRY	6-8'	6-8'	LOW	SUN	WHITE	MID-SPRING		
	AMELANCHIER UTAHENSIS	UTAH SERVICEBERRY	6-12'	6-12'	LOW	SUN	WHITE	EARLY SPRING		
	ARONIA ARBUTIFOLIA 'ERILLANTISSIMA'	BRIGHT RED CHOKOCHERRY	6-8'	4-6'	MEDIUM	ADAPTABLE	WHITE	LATE SPRING		
	ARONIA MELANOCARPA ELATA	BLACK CHOKECHERRY	5-8'	4-6'	LOW	ADAPTABLE	WHITE	LATE SPRING		
	CERCOCARPUS LEDIFOLIUS INTRICATUS	LITTLELEAF MOUNTAIN MAHOGANY	3-6'	3-5'	VERY LOW	SUN TO FS	YELLOWISH-WHITE	MID-SPRING		
	CERCOCARPUS MONTANUS	COMMON MOUNTAIN MAHOGANY	6-8'	4-6'	VERY LOW	SUN TO FS	YELLOWISH-WHITE	MID-SPRING		
	CORNUS ALBA 'ARGENTEOMARGINATA'	VARIEGATED DOGWOOD	6-8'	5-8'	MEDIUM	SUN TO FS	WHITE	LATE SPRING		
	CORNUS ALBA 'IVORY HALO'	IVORY HALO DOGWOOD	5-6'	MEDIUM	SUN TO FS	WHITE	WHITE	LATE SPRING		
	CORNUS SERICEA 'FLAVIRAMEA'	YELLOWTWIG DOGWOOD	6-8'	6-10'	MEDIUM	ADAPTABLE	WHITE	LATE SPRING		
	CORNUS SERICEA 'ISANT'	ISANTI DOGWOOD	4-5'	4-6'	MEDIUM	ADAPTABLE	WHITE	LATE SPRING - EARLY SUMMER		
	COTONEASTER LUCIDUS	PEKING COTONEASTER	6-12'	6-10'	LOW	SUN TO FS	PINK-WHITE	SPRING		
	CRATAEGUS AMBIGUA	RUSSIAN HAWTHORN	15-25'	15-20'	LOW	SUN TO FS	WHITE	SPRING		
	FORESTIERA NEOMEXICANA	NEW MEXICO PRIVET	8-12'	6-8'	LOW	SUN	N/A	N/A		
	LIGUSTRUM VULGARE 'CHEYENNE'	CHEYENNE PRIVET	6-8'	4-6'	LOW	SUN TO FS	WHITE	EARLY SUMMER		
	PEROVSKIA ATRIPLICIFOLIA	SAGE, RUSSIAN	3-4'	3-4'	VERY LOW	SUN	BLUE	MID TO LATE SUMMER		
	PHILADELPHUS LEWISII	MOCKORANGE, LEWIS	6-8'	6-8'	LOW	SUN	WHITE	SUMMER		
	PHYSOCARPUS MONOGYNUS	NINEBARK, NATIVE	3-4'	3-4'	LOW	SUN	WHITE	SPRING		
	PHYSOCARPUS OPULOFOLIUS COPPERTINA	NINEBARK, COPPERTINA	8-10'	8-10'	LOW	SUN	WHITE	SUMMER		
	POTENTILLA FRUTICOSA CORONATION TRIUMPH	POTENTILLA, CORONATION TRIUMPH	3-4'	2-3'	LOW	SUN	YELLOW	EARLY TO LATE SUMMER		
	POTENTILLA FRUTICOSA JACKMANII	POTENTILLA, JACKMAN	2-3'	3-4'	LOW	SUN	YELLOW	EARLY TO LATE SUMMER		
	POTENTILLA FRUTICOSA SUTTER'S GOLD	POTENTILLA, SUTTER'S GOLD	1-2'	2-3'	LOW	SUN	YELLOW	EARLY TO LATE SUMMER		
	PRUNUS AMERICANA	PLUM, AMERICAN	10-20'	8-12'	LOW	SUN	WHITE	MID TO LATE SPRING		
	PRUNUS BESSEYI PAWNEE BUTTES	CHERRY, CREEPING WESTERN SAND	15-18'	4-6'	LOW	SUN	WHITE	SPRING		
	PRUNUS VIRGINIANA MELANOCARPA	CHOKECHERRY, NATIVE	8-20'	8-12'	LOW	SUN TO FS	WHITE	MID SPRING		
	PRUNUS X CISTENA	PLUM, PURPLE LEAF	4-6'	8-8'	MEDIUM	SUN	PALE PINK	EARLY SPRING		
	RHUS AROMATICA GRO-LOW	SUMAC, DWARF FRAGRANT	2-3'	6-8'	LOW	SUN	YELLOW	EARLY SPRING		
	RHUS GLABRA LACINIATA	SUMAC, CUTLEAF SMOOTH	8-15'	8-10'	LOW	SUN	GREENISH YELLOW	SPRING		
	RHUS TRILOBATA	SUMAC, THREE-LEAF	3-6'	3-6'	VERY LOW	SUN	YELLOW	EARLY SPRING		
	RHUS TRILOBATA AUTUMN AMBER	SUMAC, CREEPING THREE-LEAF	12-18"	3-6'	VERY LOW	SUN	YELLOW	EARLY SPRING		
	RIBES ALPNUM	CURRANT, ALPINE	3-6'	3-6'	LOW	SUN TO FS	YELLOWISH-GREEN	MID-SPRING		
	ROBINIA NEOMEXICANA	LOCUST, NEW MEXICO	6-20'	6-12'	LOW	SUN	PINK	EARLY SUMMER		
	ROSA FOETIDA BICOLOR	ROSE, AUSTRIAN COPPER	6-10'	6-8'	LOW	SUN	YELLOW/ORANGE	LATE SPRING		
	ROSA FOETIDA PERSIANA	ROSE, PERSIAN YELLOW	4-6'	4-6'	LOW	SUN	YELLOW	LATE SPRING		
	ROSA GLAUCICA	ROSE, RED-LEAVED	6-7'	4-6'	LOW	SUN	PINK	EARLY SUMMER		
	ROSA WOODSI	ROSE, NATIVE PINK	3-6'	3-6'	LOW	SUN	PINK	EARLY SUMMER		
	ROSA X HANSA	ROSE, PURPLE RED SHRUB	4-6'	4-6'	LOW	SUN	REDDISH-PURPLE	EARLY SUMMER		
	ROSA X JOHN FRANKLIN	ROSE, RED FRAGRANT SHRUB	3-4'	3-5'	LOW	SUN	RED	LATE SPRING TO SUMMER		
	ROSA X MORDEN CENTENNIAL	ROSE, PINK SHRUB	3-4'	4-6'	LOW	SUN	PINK	LATE SPRING TO FALL		
	ROSA X MORDEN SUNRISE	ROSE, ORANGE SHRUB	20-30"	2-3'	LOW	SUN	YELLOW-ORANGE	LATE SPRING TO FALL		
	ROSA X NEARLY WILD	ROSE, SINGLE PINK SHRUB	2-3'	2-3'	LOW	SUN	PINK	EARLY TO LATE SUMMER		
	ROSA X WILLIAM BAFFIN	ROSE, PINK CLIMBING SHRUB	7-9'	CLIMBER	LOW	SUN	PINK	EARLY TO LATE SUMMER		
	RUBUS DELICIOSUS	BOULDER RASPBERRY	3-6'	3-6'	ADAPTABLE	LOW	WHITE	LATE SPRING		
	SAMBUCUS PUBENS	ELDER, NATIVE RED BERRIED	4-12'	6-12'	MEDIUM	SUN TO FS	CREAMY WHITE	EARLY SUMMER		
	SAMBUCUS RACEMOSA	ELDER, EUROPEAN RED	6-8'	6-8'	MEDIUM	SUN	WHITE	SPRING		
	SORBUS SCOPULINA	MOUNTAIN ASH, NATIVE	10-15'	10-12'	MEDIUM	SUN TO FS	WHITE	SPRING		
	SPIREA THUNBERGII MELLOW YELLOW	SPIREA, MELLOW YELLOW	3-5'	3-5'	LOW	SUN TO FS	WHITE	EARLY SPRING		
	SYMPHORICARPOS ALBUS	SNOWBERRY, WHITE	3-4'	3-4'	LOW	SUN TO FS	WHITE WITH PINK	EARLY SUMMER		
	SYMPHORICARPOS OBOVATILATUS	CORALBERRY, RED	3-6'	3-6'	LOW	SUN TO FS	CREAMY WHITE	EARLY SUMMER		
	SYRINGA MEYERI PALIBIN	LILAC, DWARF KOREAN	4-6'	4-6'	LOW	SUN	LAVENDER PINK	LATE SPRING		
	SYRINGA OBLATA CHEYENNE	LILAC, CHEYENNE	8-12'	8-12'	LOW	SUN	LAVENDER BLUE	SPRING		
	SYRINGA PATULA MISS KIM	LILAC, MISS KIM DWARF	3-5'	3-5'	LOW	SUN	PALE LAVENDER	LATE SPRING		
	SYRINGA VULGARIS	LILAC, COMMON PURPLE	10-20'	8-12'	LOW	SUN	PURPLE	MID SPRING		
	SYRINGA VULGARIS ALBA	LILAC, COMMON WHITE	8-12'	8-12'	LOW	SUN	PURPLE	MID SPRING		
	SYRINGA VULGARIS LUDWIG SPATH	LILAC, DARK PURPLE	8-12'	6-8'	LOW	SUN	DARK PURPLE	MID TO LATE SPRING		
	SYRINGA VULGARIS SENSATION	LILAC, PURPLE WHITE FRENCH	8-10'	8-12'	LOW	SUN	PURPLE AND WHITE	LATE SPRING		
	VIORNUM X RHYTIDOPHYLLOIDES ALLEGHANY	VIORNUM, ALLEGHANY	8-10'	6-10'	LOW	SUN TO FS	CREAMY WHITE	MID TO LATE SPRING		
EVERGREEN SHRUBS										
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY	
	JUNIPERUS COMMUNIS ALPINE CARPET	JUNIPER, ALPINE CARPET	8-10"	3-4'	LOW	SUN	N/A	N/A		
	JUNIPERUS HORIZONTALIS ICEE BLUE	JUNIPER, ICEE BLUE	2-4"	6-8"	LOW	SUN	N/A	N/A		
	JUNIPERUS HORIZONTALIS WILTONII	JUNIPER, WILTON CARPET	4-6"	6-8"	LOW	SUN	N/A	N/A		
	JUNIPERUS HORIZONTALIS YOUNGSTOWN	JUNIPER, ANDORRA YOUNGSTOWN	12-18"	4-6"	N/A	SUN	N/A	N/A		
	JUNIPERUS PROCUMBENS GREEN MOUND	JUNIPER, GREEN MOUND	6-12"	4-6"	LOW	SUN	N/A	N/A		
	JUNIPERUS SABINA CALGARY CARPET	JUNIPER, CALGARY CARPET	12-18"	6-8"	LOW	SUN TO FS	N/A	N/A		
	PICEA ABIES ELEGANS	SPRUCE, SPREADING NORWAY	3-4'	3-6'	MEDIUM	SUN	N/A	N/A		
	PINUS SYLVESTRIS ALBYN PROSTRATA	PINE, SPREADING SCOTS	2'	8'	LOW	SUN	N/A	N/A		
	PINUS SYLVESTRIS HILLSIDE CREEPER	PINE, HILLSIDE CREEPER	3'	8'	LOW	SUN	N/A	N/A		
	TAXUS X MEDIA HICKSII	YEW, UPRIGHT	8-12"	3-4'	MEDIUM	SUN TO FS	N/A	N/A		
ORNAMENTAL GRASSES										
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY	
	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	4-5'	18-24"	LOW	SUN TO FS	GOLDEN TAN	EARLY SUMMER TO FALL		
	MISCANTHUS SINENSIS 'CABARET'	CABARET VARIEGATED MAIDEN GRASS	6-8'	3-5'	MEDIUM	SUN TO FS	COPPER-RED	LATE SUMMER TO EARLY FALL		
	MISCANTHUS SINENSIS 'GOLIATH'	GOLIATH MAIDEN GRASS	7-9'	3-4'	MEDIUM	SUN	SILVERLY	SUMMER		
	MISCANTHUS SINENSIS 'GRACILLIMUS'	MAIDEN GRASS	4-5'	4-5'	MEDIUM	SUN	CREAMY-WHITE	LATE SUMMER TO		
	MISCANTHUS SINENSIS PURPURASCENS	FLAME (PURPLE MAIDEN) GRASS	3-4'	2-3'	MEDIUM	SUN	BRONZE	LATE SUMMER		
	MISCANTHUS SINENSIS 'STRICTUS'	PORCUPINE GRASS	5-8'	3-4'	MEDIUM	SUN	SILVERLY WHITE	LATE SUMMER		
	PANICUM VIRGATUM	SWITCH GRASS	3-5'	18-24"	LOW	SUN	PINK	LATE SUMMER		
	PANICUM VIRGATUM 'DALLAS BLUES'	DALLAS BLUES BLUE SWITCH GRASS	4-6'	18-24"	LOW	SUN	PINK	FALL		
	PENNISETUM ALOPECUROIDES	FOUNTAIN GRASS	3-4'	24-30"	LOW	SUN	TAN	LATE SUMMER		
	SACCHARUM RAVENNAE	PLUME GRASS	8-12'	3-4'	MEDIUM	SUN	SILVERLY WHITE TO BEK	LATE SUMMER TO FALL		
PERENNIALS										
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY	
	ACHILLEA 'CORONATION GOLD'	GOLDEN YELLOW YARROW	36-42"	18-24"	LOW	SUN	YELLOW	SUMMER		
	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW	1-2'	18-24"	LOW	SUN	BRICK RED/YELLOW	SUMMER		
	AGEPODIUM PODAGRARIA 'VAREGATUM'	VAREGATED BISHOP'S WEED	8-12"	1-2'	MEDIUM	FS TO SHADE	WHITE	SUMMER		
	ASTER NOVAE-ANGLIAE 'PURPLE DOME'	NEW ENGLAND PURPLE ASTER	18-24"	18-24"	MEDIUM	SUN	PURPLE	LATE SUMMER TO FALL		
	CAMPIS RADICANS	TRUMPET VINE	VINE	VINE	LOW	SUN	ORANGE	MID TO LATE SUMMER		
	CAMPIS RADICANS SUMMER SNOWFALL	VAREGATED TRUMPET VINE	VINE	VINE	LOW	SUN	ORANGE	MID TO LATE SUMMER		
	CENTRANTHUS RUBER	RED VALERIAN	2-3'	18-24"	LOW	SUN	REDDISH-PINK	EARLY TO LATE SUMMER		
	CERATOSTIGMA PLUMBAGINOIDES	PLUMBAGO	8-12"	18-24"	LOW	ADAPTABLE	BLUE	MID TO LATE SUMMER		
	CLAMATIS x JACKMANII	PURPLE CLEMATIS	VINE	VINE	MEDIUM	SUN	VIOLET-PURPLE	EARLY TO MID-SUMMER		
	COREOPSIS GRANDIFLORA 'SUNRAY'	DWARF DOUBLE COREOPSIS	12-18"	12-18"	LOW	SUN	YELLOW	MID-SUMMER		
	ECHINACEA PURPUREA	PURPLE CONEFLOWER	2-3'	18-24"	LOW	SUN	LAVENDER-PURPLE	MID- TO LATE SUMMER		
	FRAGARIA 'TREL'	PINK PANDA STRAWBERRY	6-8"	12-18"	MEDIUM	SUN TO FS	PINK	PINK		
	GAILLARDIA 'ARIZONA SUN'	DWARF BLANKET FLOWER	8-10"	8-12"	LOW	SUN	RED WITH YELLOW	MID-SUMMER		
	GERANIUM 'JOHNSON'S BLUE'	BLUE CRANESBILL	18-24"	2-3'	MEDIUM	ADAPTABLE	VIOLET-BLUE	EARLY SUMMER		
	HEDERA HELIX	ENGLISH IVY	VINE	VINE	MEDIUM	SHADE	N/A	N/A		
	HEMEROCALLIS 'ROCKET CITY'	ORANGE DAYLILY	3-4'	2-3'	LOW	SUN	ORANGE	EARLY TO MID-SUMMER		
	HEMEROCALLIS 'STELLA DE GROY'	DWARF GOLD DAYLILY	1-2'	12-18"	LOW	SUN	GOLDEN YELLOW	LATE SPRING TO LATE SUMMER		
	IRIS SIBERICA 'BUTTER AND SUGAR'	WHITE AND YELLOW SIBERIAN IRIS	24-30"	18-24"	MEDIUM	SUN TO FS	WHITE AND YELLOW	LATE SPRING - EARLY SUMMER		
	IRIS SIBERICA 'CAESAR'S BROTHER'	BLUE SIBERIAN IRIS	3-4'	18-24"	MEDIUM	SUN	DARK BLUE	EARLY SUMMER		
	IRIS SIBERICA 'SNOW QUEEN'	WHITE SIBERIAN IRIS	3-4'	18-24"	MEDIUM	SUN	WHITE	EARLY SUMMER		
	LAVANDULA ANGUSTIFOLIA 'ROYAL VELVET'	ROYAL VELVET ENGLISH LAVENDER	24-30"	18-24"	LOW	SUN	DARK BLUE	EARLY TO LATE SPRING		
	LEUCANTHEMUM X SUPERBUM 'ALASKA'	SHASTA DAISY	24-30"	18-24"	MEDIUM	SUN	WHITE	EARLY TO LATE SUMMER		
	LEUCANTHEMUM X SUPERBUM 'LITTLE MISS MUFFET'	DWARF SHASTA DAISY	12-15"	12-15"	MEDIUM	SUN	WHITE	EARLY TO LATE SUMMER		
	MAHONIA REPENS	CREEPING COLORADO HOLLY	12-18"	12-18"	LOW	SUN TO SHADE	YELLOW	LATE SPRING - EARLY SUMMER		
	NEPETA X FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	18-24"	2-3'	LOW	SUN	LAVENDER	SUMMER		
	PARATHENOCISSUS QUINQUEFOLIA	VINE	VINE	VINE	MEDIUM	SUN TO FS	N/A	N/A		
	PERISCARIA AFFINIS	HIMALAYAN BORDER JEWEL	6-8"	12-18"	LOW	SUN	PINK	LATE SUMMER		
	POTENTILLA NEUMANNIANA 'NANA'	DWARF SPRING CINQUEFOIL	12-18"	2-4"	LOW	SUN TO FS	BUTTER YELLOW	LATE SPRING		
	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	12-18"	12-18"	LOW	SUN	YELLOW	MID-SUMMER		
	SEDUM 'AUTUMN JOY'	AUTUMN JOY STONECROP	18-24"	12-18"	LOW	SUN	SALMON-PINK	LATE SUMMER TO FALL		
	TANACETUM NIVEUM	SNOW DAISY TANSY	18-24"	12-18"	LOW	SUN	WHITE	SUMMER		
	ZINNIA GRANDIFLORA	PAPER FLOWER	6-8"	8-12"	VERY LOW	SUN	GOLDEN YELLOW	MID TO LATE SUMMER		

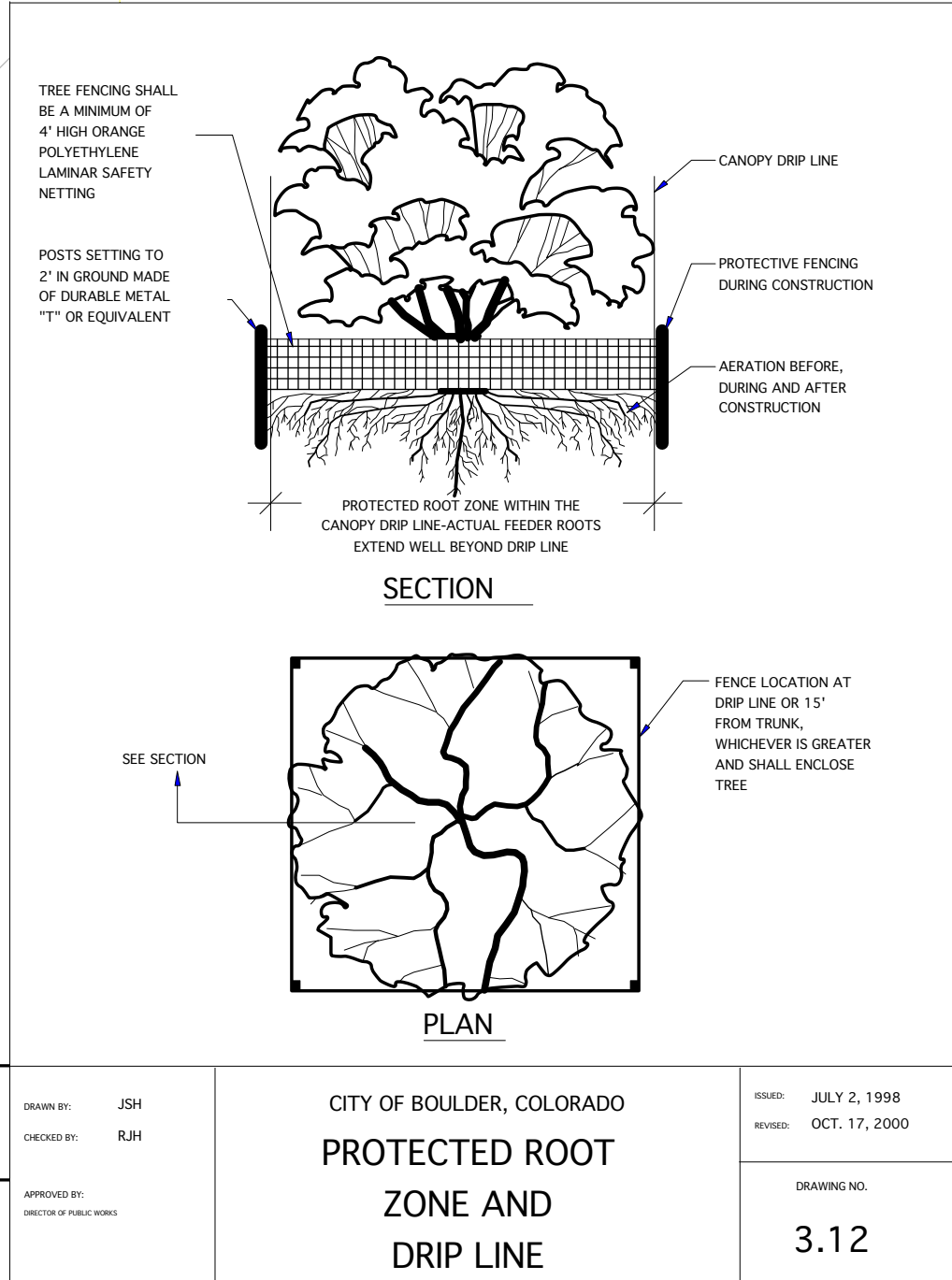
LANDSCAPE REQUIREMENTS

PHASE I LANDSCAPE, STREETScape AND PARKING LOT REQUIREMENTS					
LANDSCAPE TYPES	REQUIRED	PROVIDED	NOTES		
<b>STREETSCAPE</b> 1 TREE/35 LF (553 LF)	16 TREES	16 TREES	14 NEW AND 2 EXISTING		
<b>PARKING LOT LANDSCAPE</b> INTERIOR - 5% OF LOT (LOT = 27,915 SF)	1,396 SF	1,603 SF	DOES NOT INCLUDE LARGE LANDSCAPE AREAS ALONG ENTRY DRIVE EXISTING TREES		
1 TREE/200 SF OF LANDSCAPE SCREENING - 42" SHRUBS	7 TREES 42" SHRUBS	8 TREES 42" SHRUBS	FULL 42" VEGETATIVE SCREEN PROVIDED ON NORTH AND WEST		
<b>SITE LANDSCAPE</b> 1 TREE AND 5 SHRUBS/1,500 SF NOT COVERED BY BLDG OR PARKING	20 TREES  100 SHRUBS	22 TREES  350 + SHRUBS	TREES CANNOT BE PLANTED ON SOUTH AND EAST PROPERTY LINES DUE TO UTILITIES WELL ABOVE REQUIREMENTS		
<b>PHASE I OPEN SPACE REQUIREMENTS</b> 10-20% OF LOT AREA (LOT = 291,024 SF)	29,102 SF	29,421 SF	WELL ABOVE REQUIREMENTS DOES NOT INCLUDE OUTLOT A DOES NOT INCLUDE 5,808 SF OF LANDSCAPE SCREENING PROVIDED ALONG EAST EDGE OF LOT 2 (PHASE III)		



NOTE:  
CITY OF BOULDER HAS BEEN COMPENSATED FOR TREES NUMBER 1, 5, 15, AND 21  
AS PART OF ROW ACQUISITION

TREE REMOVAL PHASE I  
TREES 1 AND 5 BY CDOT  
TREE 6 (DEAD)



4 TREE PROTECTION  
SCALE: not to scale

6400 Arapahoe Avenue Tree Survey - ERC 2/15/11						Remove Phase I	Remove Phase II	CDOT \$\$
ID #	Common Name	DBH (in)	Condition	Comments or Recommendations				
1	Green ash	12, 9.1	Good	- Non-native species, management concern - No maintenance required	X by CDOT			Yes
2	Austrian pine	9.7	Poor	- Non-native species, management concern - Tree wire imbedded in trunk may result in tree mortality		X		
3	Rocky Mountain juniper	5.8	Good	- Native species - No maintenance required				
4	Colorado blue spruce	13	Fair	- Native species - Recommend pruning dead branches				
5	Austrian pine	10.3	Poor	- Non-native species, management concern - Tree wire imbedded in trunk may result in tree mortality; management concern.	X by CDOT			Yes
6	Colorado blue spruce	14.5, 10.3	Very Poor	- Native species - Dead; should be considered for removal	X			Yes
7	Littleleaf linden	11.4	Fair	- Non-native species, Boulder recommended landscape tree. - Recommend pruning dead branches				
8	Rocky Mountain juniper	6	Good	- Native species - No maintenance required				
9	Rocky Mountain juniper	7.1	Good	- Native species - No maintenance required				
10	Rocky Mountain juniper	8.8	Good	- Native species - No maintenance required				
11	Green ash	12.1	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
12	Rocky Mountain juniper	6	Good	- Native species - No maintenance required		X		
13	Rocky Mountain juniper	6.4	Good	- Native species - No maintenance required		X		
14	Littleleaf linden	6.6	Fair	- Non-native species, Boulder recommended landscape tree. - Recommend pruning dead branches		X		
15	Green ash	13.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		POSSIBLY KEEP		Yes
16	Green ash	13.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		POSSIBLY KEEP		
17	Rocky Mountain juniper	6.1	Good	- Native species - No management recommendations		X		
18	Littleleaf linden	6.9	Fair	- Non-native species, Boulder recommended landscape tree. - Recommend pruning dead branches		POSSIBLY KEEP		
19	Colorado blue spruce	11.6	Fair	- Native species - Recommend pruning dead branches		POSSIBLY KEEP		
20	Siberian elm	11.3	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
21	Austrian pine	19.6	Good	- Non-native species, management concern - No maintenance required		POSSIBLY KEEP		Yes
22	Green ash	15	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
23	Russian olive	7, 9.2	Good	- Non-native, invasive species - Should be considered for removal		X		
24	Russian olive	6.3	Good	- Non-native, invasive species - Should be considered for removal		X		
25	Siberian elm	19.6	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
26	Russian olive	6.7	Fair	- Non-native, invasive species - Should be considered for removal				
27	Siberian elm	Unknown (fence obstructs trunk)	Poor	- Non-native species, management concern - Growing into fence, may result in long-term tree mortality - Recommend pruning dead branches				
28	Russian olive	6.1	Very Poor	- Non-native, invasive species - Dead; should be considered for removal				
29	Russian olive	8	Good	- Non-native, invasive species - Should be considered for removal				
30	Eastern cottonwood	9.6	Poor	- Native species - Recommend pruning dead branches			X	
31	Siberian elm	7.8, 9.5, 7.2, 10.5	Very Poor	- Non-native species, management concern - Partial tree death; should be considered for removal		X		
32	Siberian elm	8.3, 9.6, 8.6, 10.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
33	Siberian elm	11.1, 9.1, 11.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
34	Siberian elm	9.3, 9.5, 6, 5.5	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
35	Siberian elm	6.8	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
36	Siberian elm	7.3, 7.2, 7.6, 6, 7.3	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
37	Siberian elm	8.3, 7.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
38	Siberian elm	10.4, 11	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
39	Siberian elm	Unknown (fence obstructs trunk)	Poor	- Non-native species, management concern - Growing into fence, may result in long-term tree mortality - Recommend pruning dead branches Non-native species, management concern				
40	Siberian elm	Unknown (fence obstructs trunk)	Poor	- Non-native species, management concern - Growing into fence, may result in long-term tree mortality - Recommend pruning dead branches Non-native species, management concern				
41	Green ash	10.2	Good	- Non-native species, management concern - No maintenance required				
42	Boxelder	10.2, 8.6, 14	Good	- Native species - No maintenance required				
43	Siberian elm	8, 14	Good	- Non-native species, management concern - No maintenance required				
44	Siberian elm	11, 9.6	Fair	- Non-native species, management concern - Recommend pruning dead branches				
45	Siberian elm	10	Fair	- Non-native species, management concern - Recommend pruning dead branches				
46	Russian olive	8.9	Good	- Non-native, invasive species - Should be considered for removal				
47	Siberian elm	12.2	Fair	- Non-native species, management concern - Recommend pruning dead branches				
48	Green ash	8.9	Good	- Non-native species, management concern - No maintenance required				
49	Siberian elm	7.6	Fair	- Non-native species, management concern - Recommend pruning dead branches				
50	Siberian elm	12.6	Fair	- Non-native species, management concern - Recommend pruning dead branches				



6400 Arapahoe Road  
Boulder, Colorado  
SITE REVIEW

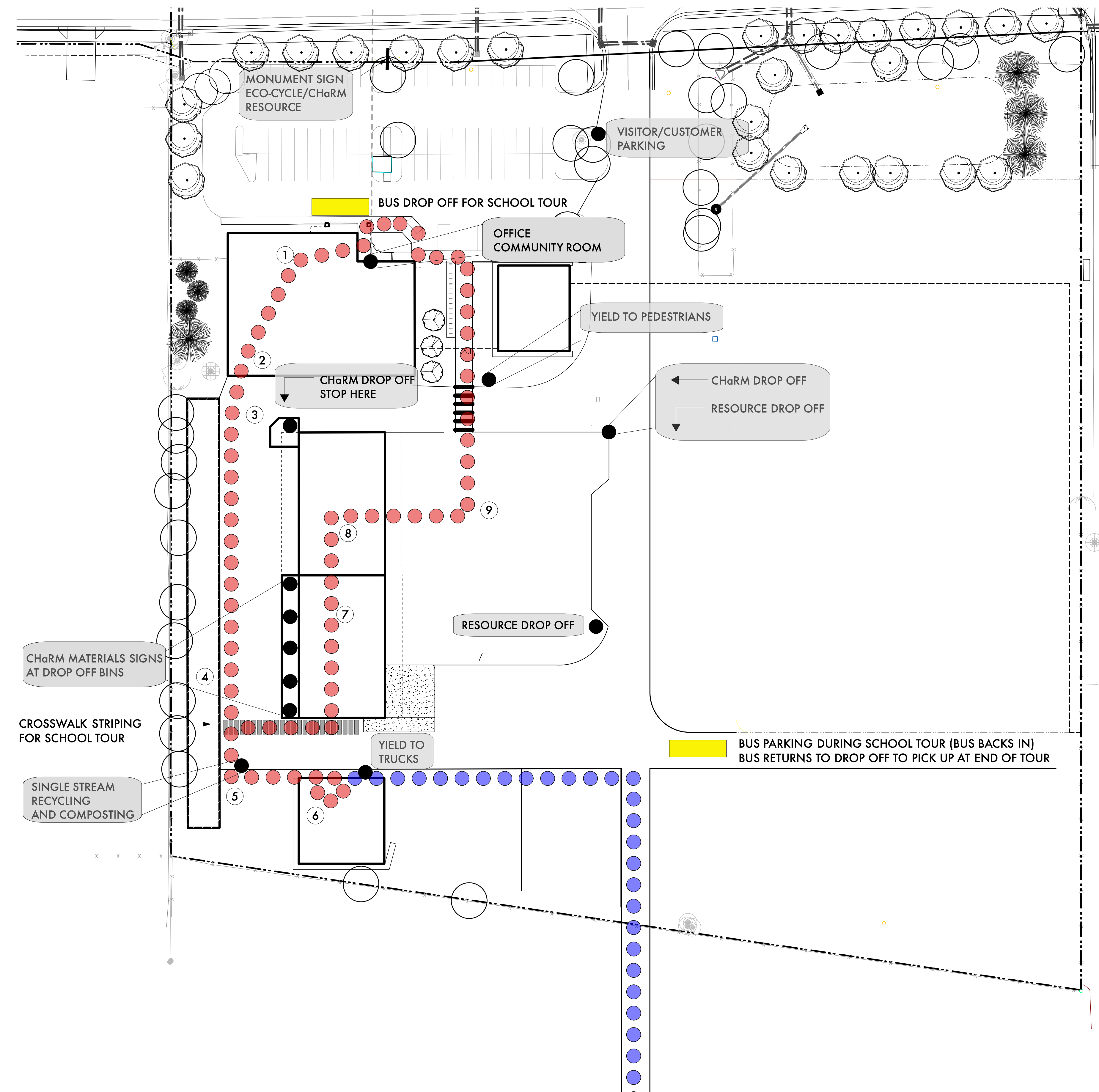
City of Boulder  
Eco-Cycle  
ChARM  
ReSource

MARCH 18, 2011

PHASE I  
TREE INVENTORY  
AND REMOVAL

SHEET NUMBER:  
L 1.2





## WAYFINDING

### LEGEND:

- SCHOOL GROUP TOUR - PATH TO INCLUDE STRIPES ON ASPHALT TO INDICATE WHERE TO WALK
  - OPTIONAL CONNECTION FROM THORNE ECOLOGICAL INSTITUTE
  - 1 MAJOR STOP ALONG THE TOUR
- STOP 1 - COMMUNITY ROOM  
STOP 2 - REUSE, REPAIR AND INVENT CENTER  
STOP 3 - CHaRM WINDOW  
STOP 4 - CHaRM MATERIALS DROP - OFF (MAY INCLUDE COVERED BLEACHERS)  
STOP 5 - SINGLE STREAM RECYCLING AND COMPOSTING  
STOP 6 - WORMERY  
STOP 7 - CHaRM PROCESSING  
STOP 8 - RESOURCE INDOOR SHOWROOM  
STOP 9 - RESOURCE OUTDOOR SHOWROOM

- DIRECTIONAL SIGN

RESOURCE DROP OFF

# PHASE I

40 FT 20 FT 0 40 FT



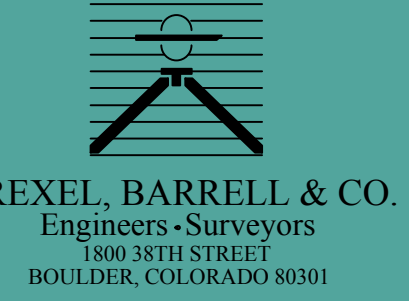
6400 Arapahoe Road  
Boulder, Colorado  
**SITE REVIEW**

City of Boulder  
Eco-Cycle  
CHaRM  
ReSource

MARCH 18, 2011

PHASE I  
WAYFINDING PLAN

SHEET NUMBER:  
**L 1.3**





NOTES:

1. ALL PLANT MATERIAL SHALL MEET SPECIFICATIONS OF THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN) FOR NUMBER ONE GRADE. ALL TREES SHALL BE BALLED AND BURLAPPED OR EQUIVALENT. ALL PLANT MATERIALS SHALL HAVE ALL WIRE, TWINE OR OTHER CONTAINMENT MATERIALS, EXCEPT FOR BURLAP, REMOVED FROM TRUNK AND ROOT BALL OF THE PLANT PRIOR TO PLANTING.
2. ALL SHRUBS SHALL BE PLANTED NO LESS THAN 3' FROM ANY SIDEWALK OR CURB.
3. DEVELOPERS SHALL ENSURE THAT THE LANDSCAPE PLAN IS COORDINATED WITH THE PLANS DONE BY OTHER CONSULTANTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE, OR OTHER CONSTRUCTIONS DOES NOT CONFLICT NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS ON THIS PLAN.
4. ALL SHRUB BEDS AND PERENNIAL BEDS ADJACENT TO TURF AREAS SHALL BE EDGED WITH RYERSON OR APPROVED EQUIVALENT STEEL EDGER
5. ALL SHRUB BED AREAS AND TREE PITS SHALL BE MULCHED WITH A LAYER OF SHREDDED BARK MULCH OVER WEED BARRIER FABRIC TO A DEPTH OF 4". PERENNIALS AND GROUNDCOVER AREAS SHALL BE MULCHED WITH A 3" LAYER OF SHREDDED BARK MULCH.
6. PRIOR TO INSTALLATION OF PLANT MATERIALS, AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENEED; ORGANIC SOIL AMENDMENTS SHALL BE INCORPORATED AT THE RATE OF AT LEAST FOUR (4) CUBIC YARDS PER 1000 SQUARE FEET OF LANDSCAPE AREA.
7. IN ALL LANDSCAPE AREAS, AMEND THE TOP SIX INCHES OF SOIL.
8. ALL LANDSCAPE (PLANT MATERIALS AND GRASS) WILL BE IRRIGATED WITH AN AUTOMATIC SYSTEM. SEE IRRIGATION PLAN.
9. CONTRACTOR SHALL VERIFY ALL MATERIAL QUANTITIES PRIOR TO INSTALLATION. ACTUAL NUMBER OF PLANT SYMBOLS SHALL HAVE PRIORITY OVER THE QUANTITY DESIGNATED.
10. REFER TO THE CITY OF BOULDER DESIGN AND CONSTRUCTION STREETSCAPING STANDARDS FOR ALL WORK WITHIN PUBLIC AREAS. REFER TO THE CIVIL ENGINEER DRAWINGS FOR GRADING AND UTILITY INFORMATION.
11. THIS PLAN MEETS OR EXCEEDS CITY OF BOULDER LANDSCAPE CODE REQUIREMENTS.
12. ALL NEW TREES TO BE 10 FEET FROM UTILITIES PER THE CITY OF BOULDER DESIGN AND CONSTRUCTION STANDARDS, CHAPTER 4.04. ANY VARIATIONS FROM THESE STANDARDS WILL BE MADE ON A CASE BY CASE BASIS BY THE REVIEWING ENGINEER AND UTILITY COMPANIES.
13. ALL TREES OF THE SAME SPECIES AND SIZE WILL HAVE MATCHING HEIGHT AND FORM.
14. REPLACE ANY EXISTING MATERIALS DAMAGED DURING THE PLANTING OPERATIONS.

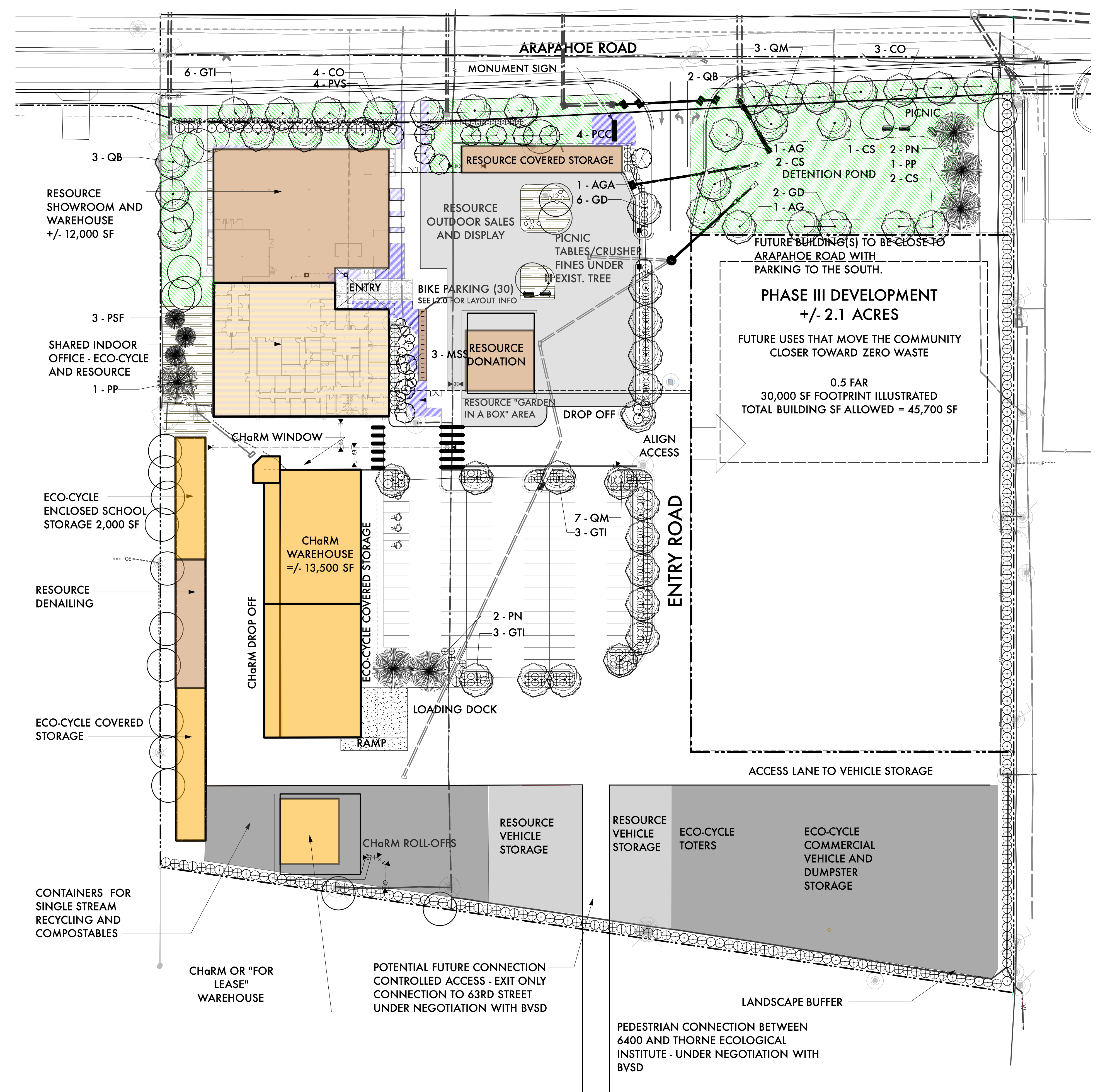
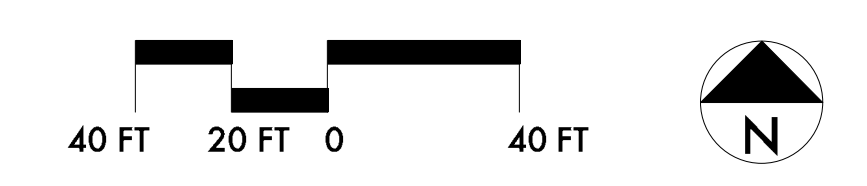
LEGEND:

- EXISTING TREE
- DECIDUOUS TREES - 3" CAL.
- ORNAMENTAL TREES - 2" CAL
- SHRUBS - 5 GAL
- ENHANCED LANDSCAPE - PERENNIALS AND ORNAMENTAL GRASSES MIX OF 1 GAL. AND 4" POTS
- DROUGHT TOLERANT SOD
- CRUSHER FINES
- U-RACK BIKE RACK

UTILITIES

- SANITARY SEWER
- STORM SEWER
- WATER LINE
- GAS LINE
- ELECTRIC LINE

PHASE II





PLANT SCHEDULE

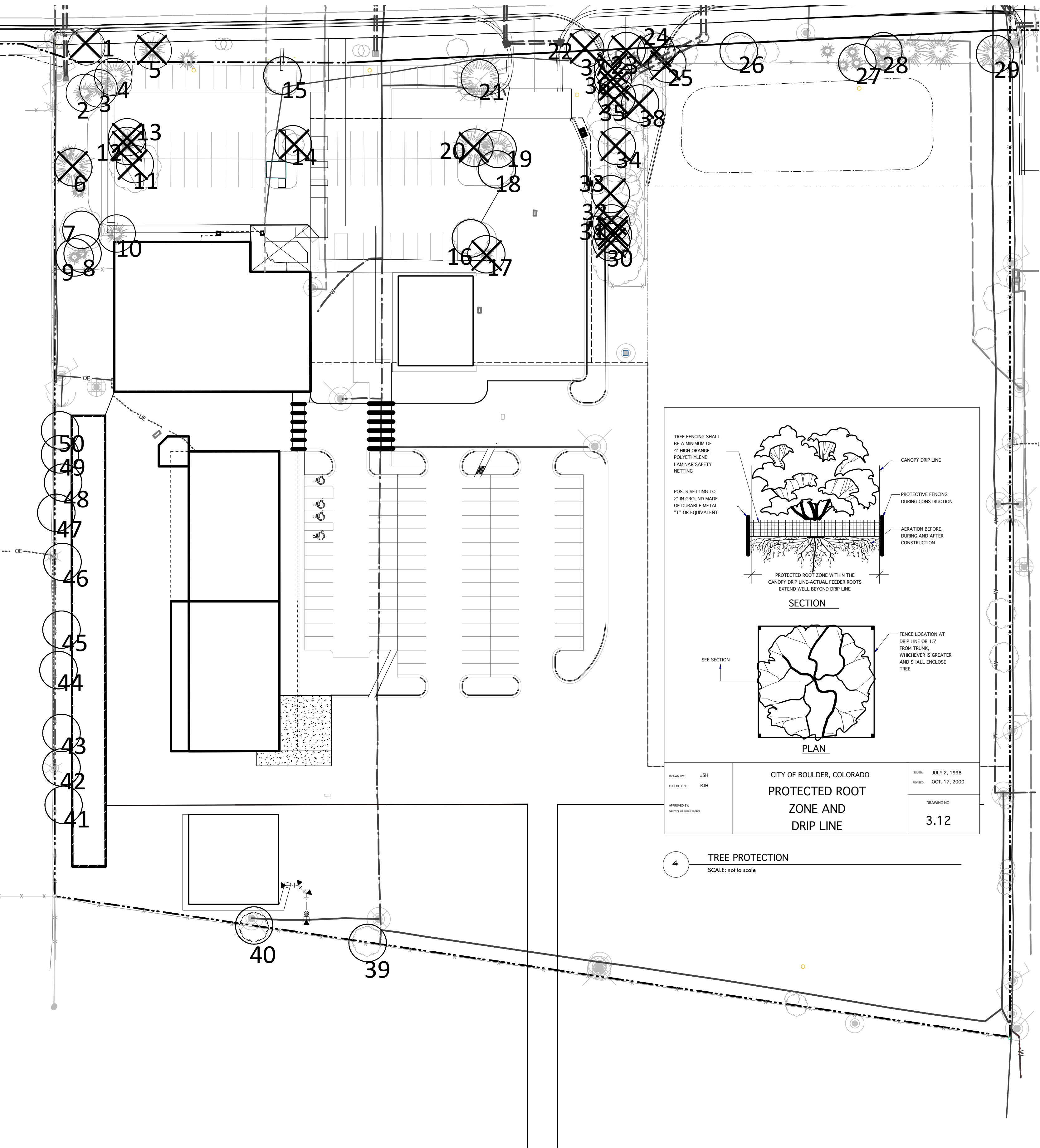
DECIDUOUS TREES									
AG	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	PHASE I QUANTITY
AG	AESCULUS GLABRA	OHIO BUCKEYE	30'-50'	25'	LOW	SUN	YELLOW	SPRING	2
AGA	AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE	SERVICEBERRY, AUTUMN BRILLIANCE	15-25'	15-20'	LOW	SUN	WHITE	SPRING	2
CS	CATALPA SPECIOSA	CATALPA WESTERN	40-60'	30-50'	LOW	FULL SUN	WHITE	LATE SPRING-EARLY SUMMER	5
CO	CELTIS OCCIDENTALIS	HACKBERRY, WESTERN	50-60'	40-50'	LOW	SUN	N/A	N/A	6
CT	CLEDITIA TRICANTHOS INERMIS SHADEMASTER	HONEYLOCUST, SHADEMASTER	40-50'	30-40'	LOW	SUN	N/A	N/A	3
GD	GYMNOCALDIUS DIOICUS 'ESPRESSO'	SEEDLESS KENTUCKY COFFEETREE	50-60'	40-50'	LOW	SUN	YELLOW-GREEN	SPRING	2
MSS	MALUS SPRING SNOW	CRABAPPLE, SPRING SNOW	20-25'	20-25'	MEDIUM	SUN	WHITE	SPRING	3
PVS	PRUNUS VIRGINIANA SHUBERT	CHOKECHERRY, SHUBERT OR CANADA RED	20-30'	15-25'	LOW	SUN	WHITE	SPRING	4
PCC	PYRUS CALLERYANA CHANTICLEER	PEAR, CHANTICLEER	20-30'	15-20'	MEDIUM	SUN	WHITE	SPRING	4
QB	QUERCUS BICOLOR	OAK, SWAMP WHITE	40-60'	40-60'	LOW	SUN TO FS	N/A	N/A	5
QM	QUERCUS MACROCARPA	OAK, BUR	50-80'	50-80'	LOW	SUN	N/A	N/A	10
									29
EVERGREEN TREES									
PP	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY
PP	PICEA PUNGENS	SPRUCE, COLORADO	40-60'	20-30'	MEDIUM	SUN TO FS	N/A	N/A	2
PN	PINUS NIGRA	PINE, AUSTRIAN	40-60'	30-40'	LOW	SUN	N/A	N/A	2
PSF	PINUS SYLVESTRIS FASTIGIATA	PINE, UPRIGHT SCOTS	30-50'	10-15'	LOW	SUN TO FS	N/A	N/A	3
									7
DECIDUOUS SHRUBS									
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY
	AMELANCHIER ALNIFOLIA 'REGENT'	REGENT SERVICEBERRY	6-8'	6-8'	LOW	SUN	WHITE	MID-SPRING	
	AMELANCHIER UTAHENSIS	UTAH SERVICEBERRY	6-12'	6-12'	LOW	SUN	WHITE	EARLY SPRING	
	ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA'	BRIGHT RED CHOKEBERRY	6-8'	4-6'	MEDIUM	ADAPTABLE	WHITE	LATE SPRING	
	ARONIA MELANOCARPA ELATA	BLACK CHOKECHERRY	5-8'	4-6'	LOW	ADAPTABLE	WHITE	LATE SPRING	
	CERCOCARPUS LEDIFOLIUS INTRICATUS	LITTLELEAF MOUNTAIN MAHOGANY	3-6'	3-5'	VERY LOW	SUN TO FS	YELLOWISH-WHITE	MID-SPRING	
	CERCOCARPUS MONTANUS	COMMON MOUNTAIN MAHOGANY	6-8'	4-6'	VERY LOW	SUN TO FS	YELLOWISH-WHITE	MID-SPRING	
	CORNUS ALBA 'ARGENTEA-MARGINATA'	VAREGATED DOGWOOD	6-8'	5-8'	MEDIUM	SUN TO FS	WHITE	LATE SPRING	
	CORNUS ALBA 'NORY HALO	NORY HALO DOGWOOD	5-8'	5-8'	MEDIUM	SUN TO FS	WHITE	LATE SPRING	
	CORNUS SERICEA 'FLAVIRAMEA'	YELLOW TWIG DOGWOOD	6-8'	6-10'	MEDIUM	ADAPTABLE	WHITE	LATE SPRING	
	CORNUS SERICEA 'ISANTI'	ISANTI DOGWOOD	4-5'	4-6'	MEDIUM	ADAPTABLE	WHITE	LATE SPRING - EARLY SUMMER	
	COTONEASTER LUCIDUS	PEKING COTONEASTER	6-12'	6-10'	LOW	SUN TO FS	PINK-WHITE	SPRING	
	CRAEAGUS AMBIGUA	RUSSIAN HAWTHORN	15-25'	15-20'	LOW	SUN TO FS	WHITE	SPRING	
	FORESTIERA NEOMEXICANA	NEW MEXICO PRIVET	8-12'	6-8'	LOW	SUN	N/A	N/A	
	LIGUSTRUM VULGARE 'CHEYENNE'	CHEYENNE PRIVET	6-8'	4-6'	LOW	SUN TO FS	WHITE	EARLY SUMMER	
	PEROVSKIA ATRIPLICIFOLIA	SAGE, RUSSIAN	3-4'	3-4'	VERY LOW	SUN	BLUE	MID TO LATE SUMMER	
	PHILADELPHUS LEWISII	MOCKORANGE, LEWIS	6-8'	6-8'	LOW	SUN	WHITE	SUMMER	
	PHYSCOCARPUS MONOGYNUS	NINEBARK, NATIVE	3-4'	3-4'	LOW	SUN	WHITE	SPRING	
	PHYSCOCARPUS ORNIFOLIUS COPPERTINA	NINEBARK, COPPERTINA	6-10'	8-12'	LOW	SUN	WHITE	SUMMER	
	POTENTILLA FRUTICOSA CORONATION TRIUMPH	POTENTILLA, CORONATION TRIUMPH	3-4'	2-3'	LOW	SUN	YELLOW	EARLY TO LATE SUMMER	
	POTENTILLA FRUTICOSA JACKMANNI	POTENTILLA, JACKMAN	2-3'	3-4'	LOW	SUN	YELLOW	EARLY TO LATE SUMMER	
	POTENTILLA FRUTICOSA SUTTER'S GOLD	POTENTILLA, SUTTER'S GOLD	1-2'	2-3'	LOW	SUN	YELLOW	EARLY TO LATE SUMMER	
	PRUNUS AMERICANA	PLUM, AMERICAN	10-20'	8-12'	LOW	SUN	WHITE	MID TO LATE SPRING	
	PRUNUS BESSEYI PAMNEE BUTTES	CHEERRY, CREEPING WESTERN SAND	15-18'	4-6'	LOW	SUN	WHITE	SPRING	
	PRUNUS VIRGINIANA MELANOCARPA	CHOKECHERRY, NATIVE	8-20'	8-12'	LOW	SUN TO FS	WHITE	MID-SPRING	
	PRUNUS X CISTENA	PLUM, PURPLE LEAF	6-8'	4-6'	MEDIUM	SUN	PALE PINK	MID-SPRING	
	RHUS AROMATICA GRO-LOW	SUMAC, DWARF FRAGRANT	2-3'	3-6'	LOW	SUN	YELLOW	EARLY SPRING	
	RHUS GLABRA LACINIATA	SUMAC, CUTLEAF SMOOTH	8-15'	8-10'	LOW	SUN	GREENISH YELLOW	SPRING	
	RHUS TRILOBATA	SUMAC, THREE-LEAF	3-6'	3-6'	VERY LOW	SUN	YELLOW	EARLY SPRING	
	RHUS TRILOBATA AUTUMN AMBER	SUMAC, CREEPING THREE-LEAF	12-18'	3-6'	VERY LOW	SUN	YELLOW	EARLY SPRING	
	RIBES ALPIMUM	CURRENT, ALPINE	3-4'	3-6'	LOW	SUN TO FS	YELLOWISH-GREEN	MID-SPRING	
	ROBINA NEOMEXICANA	LOCUST, NEW MEXICO	6-20'	6-12'	LOW	SUN	PINK	EARLY SUMMER	
	ROSA FOETIDA BICOLOR	ROSE, AUSTRIAN COPPER	6-10'	6-8'	LOW	SUN	YELLOW/ORANGE	LATE SPRING	
	ROSA FOETIDA PERSIANA	ROSE, PERSIAN YELLOW	4-6'	4-6'	LOW	SUN	YELLOW	LATE SPRING	
	ROSA GLAUKA	ROSE, RED-LEAVED	6-7'	4-6'	LOW	SUN	PINK	EARLY SUMMER	
	ROSA WOODII	ROSE, NATIVE PINK	3-6'	3-6'	LOW	SUN	PINK	EARLY SUMMER	
	ROSA X HANSA	ROSE, PURPLE RED SHRUB	4-6'	4-6'	LOW	SUN	REDDISH-PURPLE	EARLY TO LATE SUMMER	
	ROSA X JOHN FRANKLIN	ROSE, RED FRAGRANT SHRUB	3-4'	3-5'	LOW	SUN	RED	LATE SPRING TO SUMMER	
	ROSA X MORDEN CENTENNIAL	ROSE, PINK SHRUB	3-4'	4-6'	LOW	SUN	PINK	LATE SPRING TO FALL	
	ROSA X MORDEN SUNRISE	ROSE, ORANGE SHRUB	20-30"	2-3'	LOW	SUN	YELLOW-ORANGE	LATE SPRING TO FALL	
	ROSA X NEARLY WILD	ROSE, SINGLE PINK SHRUB	2-3'	2-3'	LOW	SUN	PINK	EARLY TO LATE SUMMER	
	ROSA X WILLIAM BAEFIN	ROSE, PINK CLIMBER SHRUB	7-9'	9'	CLIMBER	SUN	PINK	EARLY TO LATE SUMMER	
	RUBUS DELICIOSUS	BOULDER RASPBERRY	3-6'	3-6'	ADAPTABLE	LOW	WHITE	LATE SPRING	
	SAMBUCAS PUBENS	ELDER, NATIVE RED BERRIED	4-12'	6-12'	MEDIUM	SUN TO FS	CREAMY WHITE	EARLY SUMMER	
	SAMBUCAS RACEMOSA	ELDER, EUROPEAN RED	6-8'	6-8'	MEDIUM	SUN	WHITE	SPRING	
	SORBUS SCOPULINA	MOUNTAIN ASH, NATIVE	10-15'	10-12'	MEDIUM	SUN TO FS	WHITE	SPRING	
	SPIREA 'HUMBRETI' MELLOW YELLOW	SPIREA, MELLOW YELLOW	3-5'	3-5'	LOW	SUN TO FS	WHITE	EARLY SPRING	
	SYMPHORICARPOS ALBUS	SNOWBERRY, WHITE	3-4'	3-5'	LOW	SUN TO FS	WHITE WITH PINK	EARLY SUMMER	
	SYMPHORICARPOS ORBICULATUS	CORALBERRY, RED	3-6'	3-6'	LOW	SUN TO FS	CREAMY WHITE	EARLY SUMMER	
	SYRINGA MEYERI PALIBIN	LILAC, DWARF KOREAN	4-6'	4-6'	LOW	SUN	LAVENDER PINK	LATE SPRING	
	SYRINGA OBLATA CHEYENNE	LILAC, CHEYENNE	8-12'	8-12'	LOW	SUN	LAVENDER PINK	SPRING	
	SYRINGA PATULA MISS KIM	LILAC, MISS KIM DWARF	3-5'	3-5'	LOW	SUN	PALE LAVENDER	LATE SPRING	
	SYRINGA VULGARIS	LILAC, COMMON PURPLE	10-20'	8-12'	LOW	SUN	PURPLE	LATE SPRING	
	SYRINGA VULGARIS ALBA	LILAC, COMMON WHITE	10-20'	8-12'	LOW	SUN	PURPLE	MID SPRING	
	SYRINGA VULGARIS LUDWIG SPAETH	LILAC, DARK PURPLE	8-12'	6-8'	LOW	SUN	DARK PURPLE	MID TO LATE SPRING	
	SYRINGA VULGARIS SENSATION	LILAC, PURPLE WHITE FRENCH	8-10'	8-12'	LOW	SUN	PURPLE AND WHITE	LATE SPRING	
	VIBURNUM X RHYTIDOPHYLLOIDES ALLEGHANY	VIBURNUM, ALLEGHANY	8-10'	6-10'	LOW	SUN TO FS	CREAMY WHITE	MID TO LATE SPRING	
EVERGREEN SHRUBS									
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY
	JUNIPERUS COMMUNIS ALPINE CARPET	JUNIPER, ALPINE CARPET	8-10"	3-4"	LOW	SUN	N/A	N/A	
	JUNIPERUS HORIZONTALIS ICEE BLUE	JUNIPER, ICEE BLUE	2-4"	6-8"	LOW	SUN	N/A	N/A	
	JUNIPERUS HORIZONTALIS WILTONII	JUNIPER, WILTON CARPET	4-6"	6-8"	LOW	SUN	N/A	N/A	
	JUNIPERUS HORIZONTALIS YOUNGSTOWN	JUNIPER, ANDORRA YOUNGSTOWN	12-18"	4-6"	LOW	SUN	N/A	N/A	
	JUNIPERUS PROCUMBENS GREEN MOUND	JUNIPER, GREEN MOUND	6-12"	4-6"	LOW	SUN	N/A	N/A	
	JUNIPERUS SABINA CALGARY CARPET	JUNIPER, CALGARY CARPET	12-18"	6-8"	LOW	SUN TO FS	N/A	N/A	
	PICEA ABIES ELEGANS	SPRUCE, SPREADING NORWAY	3-4"	3-6"	MEDIUM	SUN	N/A	N/A	
	PNUS SYLVESTRIS ALBYN PROSTRATA	PINE, SPREADING SCOTS	2"	8"	LOW	SUN	N/A	N/A	
	PNUS SYLVESTRIS HILLSIDE CREEPER	PINE, HILLSIDE CREEPER	8"	8"	LOW	SUN	N/A	N/A	
	TAXUS X MEDIA HICKSII	YEW, UPRIGHT	8-12"	3-4"	MEDIUM	SUN TO FS	N/A	N/A	
ORNAMENTAL GRASSES									
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY
	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	4-5'	18-24"	LOW	SUN TO FS	GOLDEN TAN	EARLY SUMMER TO FALL	
	MISCANTHUS SINENSIS 'CABARET'	CABARET VAREGATED MAIDEN GRASS	6-8'	3-5'	MEDIUM	SUN TO FS	COPPER-RED	LATE SUMMER TO EARLY FALL	
	MISCANTHUS SINENSIS 'GOLIATH'	GOLIATH MAIDEN GRASS	7-9'	3-4'	MEDIUM	SUN	SILVERY	SUMMER	
	MISCANTHUS SINENSIS 'GRACILLIUMS'	MAIDEN GRASS	4-5'	4-5'	MEDIUM	SUN	CREAMY-WHITE	LATE SUMMER TO	
	MISCANTHUS SINENSIS PURPURASCENS	FLAME (PURPLE MAIDEN) GRASS	3-4'	2-3'	MEDIUM	SUN	BRONZE	LATE SUMMER	
	MISCANTHUS SINENSIS 'STRICITUS'	PORCUPINE GRASS	5-8'	3-4'	MEDIUM	SUN	SILVERY WHITE	LATE SUMMER	
	PANICUM VIRGATUM	SWITCH GRASS	3-5'	18-24"	LOW	SUN	PINK	LATE SUMMER	
	PANICUM VIRGATUM 'DALLAS BLUES'	DALLAS BLUES BLUE SWITCH GRASS	4-6'	18-24"	LOW	SUN	PINK	FALL	
	PENNISETUM ALOPECUROIDES	FOUNTAIN GRASS	3-4'	24-30"	LOW	SUN	TAN	LATE SUMMER	
	SACCHARUM RAVENNAE	PLUME GRASS	8-12"	3-4"	MEDIUM	SUN	SILVERY WHITE TO BEIGE	LATE SUMMER TO FALL	
PERENNIALS									
	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	WATER USE	EXPOSURE	FLOWER COLOR	SEASON	QUANTITY
	ACHILLEA 'CORONATION GOLD'	GOLDEN YELLOW YARROW	36-42"	18-24"	LOW	SUN	YELLOW	SUMMER	
	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW	1-2'	18-24"	LOW	SUN	BRICK RED/YELLOW	SUMMER	
	AEGOPODIUM PODAGRARIA 'VAREGATUM'	VAREGATED BISHOP'S WEED	8-12"	1-2'	MEDIUM	FS TO SHADE	WHITE	SUMMER	
	ASTER NOVAE-ANGIAE 'PURPLE DOME'	NEW ENGLAND PURPLE ASTER	18-24"	18-24"	MEDIUM	SUN	PURPLE	LATE SUMMER TO FALL	
	CAMPIS RADICANS	TRUMPET VINE	VINE	VINE	LOW	SUN	ORANGE	MID TO LATE SUMMER	
	CAMPIS RADICANS SUMMER SNOWFALL	VAREGATED TRUMPET VINE	VINE	VINE	LOW	SUN	ORANGE	MID TO LATE SUMMER	
	CENTRANTHUS RUBER	RED VALERIAN	2-3'	18-24"	LOW	SUN	REDDISH-PINK	EARLY TO LATE SUMMER	
	CERATOSTIGMA PLUMBAGINOIDES	PLUMBAGO	8-12"	18-24"	LOW	ADAPTABLE	BLUE	MID TO LATE SUMMER	
	CLAMATIS X JACKMANI	PURPLE CLEMATIS	VINE	VINE	MEDIUM	SUN	VIOLET-PURPLE	EARLY TO MID-SUMMER	
	COREOPSIS GRANDIFLORA 'SUNRAY'	DWARF DOUBLE COREOPSIS	12-18"	18-24"	LOW	SUN	YELLOW	MID-SUMMER	
	ECHINACEA PURPUREA	PURPLE CONEFLOWER	2-3'	18-24"	LOW	SUN	LAVENDER-PURPLE	MID- TO LATE SUMMER	
	FRAGARIA 'FREL'	PINK PANDA STRAWBERRY	6-8"	12-18"	MEDIUM	SUN TO FS	PINK	SUMMER	
	GAILLARDIA 'ARIZONA SUN'	DWARF BLANKET FLOWER	8-10"	8-12"	LOW	SUN	RED WITH YELLOW	MID-SUMMER	
	GERANIUM 'JOHNSON'S BLUE'	BLUE CRANESBILL	18-24"	2-3'	MEDIUM	ADAPTABLE	VIOLET-BLUE	EARLY SUMMER	
	HEDERA HELIX	ENGLISH IVY	VINE	VINE	MEDIUM	SHADE	N/A	N/A	
	HEMEROCALLIS 'ROCKET CITY'	ORANGE DAYLILY	3-4'	2-3'	LOW	SUN	ORANGE	EARLY TO MID-SUMMER	
	HEMEROCALLIS 'STELLA DE ORO'	DWARF GOLD DAYLILY	1-2'	12-18"	LOW	SUN	GOLDEN YELLOW	LATE SPRING TO LATE SUMMER	
	IRIS SIBERICA 'BUTTER AND SUGAR'	WHITE AND YELLOW SIBERIAN IRIS	24-30"	18-24"	MEDIUM	SUN TO FS	WHITE AND YELLOW	LATE SPRING - EARLY SUMMER	
	IRIS SIBERICA 'CAESAR'S BROTHER'	BLUE SIBERIAN IRIS	3-4'	18-24"	MEDIUM	SUN	DARK BLUE	EARLY SUMMER	
	IRIS SIBERICA 'SNOW QUEEN'	WHITE SIBERIAN IRIS	3-4'	18-24"	MEDIUM	SUN	WHITE	EARLY SUMMER	
	LAVANDULA ANGUSTIFOLIA 'ROYAL VELVET'	ROYAL VELVET ENGLISH LAVENDER	24-30"	18-24"	LOW	SUN	DARK BLUE	EARLY TO LATE SPRING	
	LEUCANTHEMUM X SUPERBUM 'ALASKA'	SHASTA DAISY	24-30"	18-24"	MEDIUM	SUN	WHITE	EARLY TO LATE SUMMER	
	LEUCANTHEMUM X SUPERBUM 'LITTLE MISS MUFFET'	DWARF SHASTA DAISY	12-15"	12-15"	MEDIUM	SUN	WHITE	EARLY TO LATE SUMMER	
	MAHONIA REPENS	CREEPING COLORADO HOLLY	12-18"	12-18"	LOW	SUN TO SHADE	YELLOW	LATE SPRING - EARLY SUMMER	
	NEPETA X FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	18-24"	2-3'	LOW	SUN	LAVENDER	SUMMER	
	PARATHENOCISSUS QUINQUEFOIA	VIRGINIA CREEPER	VINE	VINE	MEDIUM	SUN TO FS	N/A	N/A	
	PERISCARIA AFFINIS	HIMALAYAN BORDER JEWEL	6-8"	12-18"	LOW	SUN	PINK	LATE SUMMER	
	POTENTILLA NEUMANNIANA 'NANA'	DWARF SPRING CINQUEFOIL	12-18"	2-4"	LOW	SUN TO FS	BUTTER YELLOW	LATE SPRING	
	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	12-18"	12-18"	LOW	SUN	YELLOW	MID-SUMMER	
	SEDUM 'AUTUMN JOY'	AUTUMN JOY STONECROP	18-24"	12-18"	LOW	SUN	SALMON-PINK	LATE SUMMER TO FALL	
	TANACETUM NIVEUM	SNOW DAISY TANSY	18-24"	18-24"	LOW	SUN	WHITE	SUMMER	
	ZINNIA GRANDIFLORA	PAPER FLOWER	6-8"	8-12"	VERY LOW	SUN	GOLDEN YELLOW	MID TO LATE SUMMER	

LANDSCAPE REQUIREMENTS

PHASE II LANDSCAPE, STREETScape AND PARKING LOT REQUIREMENTS			
LANDSCAPE TYPES	REQUIRED	PROVIDED	NOTES
<b>STREETSCAPE</b>			
1 TREE/35 LF (553 LF)	16 TREES	24 TREES	WELL ABOVE REQUIREMENTS
<b>PARKING LOT LANDSCAPE</b>			
INTERIOR - 5% OF LOT (LOT = 25,370 SF)	1,296 SF	2,970 SF	DOES NOT INCLUDE LARGE LANDSCAPE AREAS ALONG ENTRY DRIVE
1 TREE/200 SF OF LANDSCAPE SCREENING - 42" SHRUBS	14 TREES 42" SHRUBS	15 TREES 42" SHRUBS	FULL 42" VEGETATIVE SCREEN PROVIDED ALONG ENTRY DRIVE
<b>SITE LANDSCAPE</b>			
1 TREE AND 5 SHRUBS/1,500 SF NOT COVERED BY BLDG OR PARKING	22 TREES  110 SHRUBS	54 TREES  400 + SHRUBS	WELL ABOVE REQUIREMENTS  WELL ABOVE REQUIREMENTS
<b>PHASE I OPEN SPACE REQUIREMENTS</b>			
10-20% OF LOT AREA (LOT = 291,024 SF)	29,102 SF	29,421 SF	WELL ABOVE REQUIREMENTS
			DOES NOT INCLUDE OUTLOT A
			DOES NOT INCLUDE 5,808 SF OF LANDSCAPE SCREENING PROVIDED ALONG EAST EDGE OF LOT 2 (PHASE III)



NOTE:  
CITY OF BOULDER HAS BEEN COMPENSATED FOR TREES NUMBER 1, 5, 15, AND 21  
AS PART OF ROW ACQUISITION



6400 Arapahoe Avenue Tree Survey - ERC 2/15/11						Remove Phase I	Remove Phase II	CDOT \$\$
ID #	Common Name	DBH (in)	Condition	Comments or Recommendations				
1	Green ash	12, 9.1	Good	- Non-native species, management concern - No maintenance required	X by CDOT			Yes
2	Austrian pine	9.7	Poor	- Non-native species, management concern - Tree wire imbedded in trunk may result in tree mortality		X		
3	Rocky Mountain juniper	5.8	Good	- Native species - No maintenance required				
4	Colorado blue spruce	13	Fair	- Native species - Recommend pruning dead branches				
5	Austrian pine	10.3	Poor	- Non-native species, management concern - Tree wire imbedded in trunk may result in tree mortality; management concern.	X by CDOT			Yes
6	Colorado blue spruce	14.5, 10.3	Very Poor	- Native species - Dead; should be considered for removal	X			Yes
7	Littleleaf linden	11.4	Fair	- Non-native species, Boulder recommended landscape tree. - Recommend pruning dead branches				
8	Rocky Mountain juniper	6	Good	- Native species - No maintenance required				
9	Rocky Mountain juniper	7.1	Good	- Native species - No maintenance required				
10	Rocky Mountain juniper	8.8	Good	- Native species - No maintenance required				
11	Green ash	12.1	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
12	Rocky Mountain juniper	6	Good	- Native species - No maintenance required		X		
13	Rocky Mountain juniper	6.4	Good	- Native species - No maintenance required		X		
14	Littleleaf linden	6.6	Fair	- Non-native species, Boulder recommended landscape tree. - Recommend pruning dead branches		X		
15	Green ash	13.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		POSSIBLY KEEP		Yes
16	Green ash	13.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		POSSIBLY KEEP		
17	Rocky Mountain juniper	6.1	Good	- Native species - No management recommendations		X		
18	Littleleaf linden	6.9	Fair	- Non-native species, Boulder recommended landscape tree. - Recommend pruning dead branches		POSSIBLY KEEP		
19	Colorado blue spruce	11.6	Fair	- Native species - Recommend pruning dead branches		POSSIBLY KEEP		
20	Siberian elm	11.3	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
21	Austrian pine	19.6	Good	- Non-native species, management concern - No maintenance required		POSSIBLY KEEP		Yes
22	Green ash	15	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
23	Russian olive	7, 9.2	Good	- Non-native, invasive species - Should be considered for removal		X		
24	Russian olive	6.3	Good	- Non-native, invasive species - Should be considered for removal		X		
25	Siberian elm	19.6	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
26	Russian olive	6.7	Fair	- Non-native, invasive species - Should be considered for removal				
27	Siberian elm	Unknown (fence obstructs trunk)	Poor	- Non-native species, management concern - Growing into fence, may result in long-term tree mortality - Recommend pruning dead branches				
28	Russian olive	6.1	Very Poor	- Non-native, invasive species - Dead; should be considered for removal				
29	Russian olive	8	Good	- Non-native, invasive species - Should be considered for removal				
30	Eastern cottonwood	9.6	Poor	- Native species - Recommend pruning dead branches		X		
31	Siberian elm	7.8, 9.5, 7.2, 10.5	Very Poor	- Non-native species, management concern - Partial tree death; should be considered for removal		X		
32	Siberian elm	8.3, 9.6, 8.6, 10.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
33	Siberian elm	11.1, 9.1, 11.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
34	Siberian elm	9.3, 9.5, 6, 5.5	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
35	Siberian elm	6.8	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
36	Siberian elm	7.3, 7.2, 7.6, 6, 7.3	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
37	Siberian elm	8.3, 7.2	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
38	Siberian elm	10.4, 11	Fair	- Non-native species, management concern - Recommend pruning dead branches		X		
39	Siberian elm	Unknown (fence obstructs trunk)	Poor	- Non-native species, management concern - Growing into fence, may result in long-term tree mortality - Recommend pruning dead branches - Non-native species, management concern				
40	Siberian elm	Unknown (fence obstructs trunk)	Poor	- Growing into fence, may result in long-term tree mortality - Recommend pruning dead branches - Non-native species, management concern				
41	Green ash	10.2	Good	- Non-native species, management concern - No maintenance required				
42	Boxelder	10.2, 8.6, 14	Good	- Native species - No maintenance required				
43	Siberian elm	8, 14	Good	- Non-native species, management concern - No maintenance required				
44	Siberian elm	11, 9.6	Fair	- Non-native species, management concern - Recommend pruning dead branches				
45	Siberian elm	10	Fair	- Non-native species, management concern - Recommend pruning dead branches				
46	Russian olive	8.9	Good	- Non-native, invasive species - Should be considered for removal				
47	Siberian elm	12.2	Fair	- Non-native species, management concern - Recommend pruning dead branches				
48	Green ash	8.9	Good	- Non-native species, management concern - No maintenance required				
49	Siberian elm	7.6	Fair	- Non-native species, management concern - Recommend pruning dead branches				
50	Siberian elm	12.6	Fair	- Non-native species, management concern - Recommend pruning dead branches				



# 6400 Arapahoe Road Boulder, Colorado SITE REVIEW

City of Boulder  
Eco-Cycle  
ChARM  
ReSource

MARCH 18, 2011

PHASE II  
TREE INVENTORY  
AND REMOVAL

SHEET NUMBER:  
L 2.2



